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## BC21InitBuf

**B** = *Buffer*

**C** = *Calculation functions*

The BC21InitBuf function executes the initialization of an array for use as FIFO memory (First In First Out). The function requires that you pass the name of the array that serves as a buffer, of two variables to store the index of beginning and end of data within the array and returns a value to the ErrCode variable in case there is an error.

## IMPLEMENTATION

### BC21InitBuf (array, errcode, head, tail)

Parameters:

IN/OUT	VARIABLE TYPE	EXAMPLE NAME	DIM	
IN	ARRSYS / ARRGBL	array	B/W/L/S	Array containing the data
OUT	GLOBAL	errcode	F	Error flag (see below)
IN	GLOBAL / SYSTEM	head	L	Internal index
IN	GLOBAL / SYSTEM	tail	L	Internal index

### Error

0 = No error

### Example

```
INIZ: BC21InitBuf (Buffer, ErrCode, gl001, gl002)**
MAIN:   WAIT 1
        JUMP MAIN
END
```

### Note

- The function must be called to initialize the memory q after this operation can use the other BC21PopBuf, BC21PushBuf, BC21Inspect and BC21Elements functions.

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